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CENTRAL FAX CENTER

JAN 21 2009

Patent application 09/892,351
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17 Jan 2009

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To the Commissioner for Patents,

Concerning your action of 17 Oct 2008.

This and prior correspondence argues that the cited prior art does not teach how to obtain or yield the advantages, improved results, functions and effects of the novel subject matter here claimed for which advantages you are urged to warrant the issue of a patent.
I will respond to the numbered items.

Item 2.

Regarding page 7 of my 2 Sep' 08 reply.

I pointed out that the methods of 6,037,971 result in anaglyph images with no pure blue or red pixels, (as per fig' 5 method resulting in unbalanced and incomplete contrasts with double imaging) and or:

an R/GB anaglyph with a bright green image plane (as per fig' 6 method resulting in unbalanced and incomplete contrasts of bright Green vs Green-Blue).

6,037,971 Fig' 5 method.

See column 7 lines 47-48. "The net result is to eliminate pure red and pure blue pixels..."

See the last line of claim 2. "...images which contain no pure blue or pure red pixels."

6,037,971 Fig' 6 method.

See column 7 line 67-column 8, line 1. "610 responds by substituting a brightened version of the green image plane..."

See also column 8, lines 13-15. "...an electronic switch which replaces the red image plane with a brightened version of the green image plane..."

Yet the examiner, in confused error, states that he disagrees. Firstly saying:

"...that none of the claims are claiming anaglyph images with pure blue or red pixels, and or, an RGB anaglyph with a bright green image plane"

To clarify:

I pointed out that that 6,037,971 results in anaglyph images with no pure blue or red pixels, and or, an R/GB anaglyph with a bright green image plane. This is proven above.

Secondly, the examiner says,

"...McLaine..teaches a concept of pure colors...(see abstract)..."

The abstract refers to the fig' 5 technique of "...minimizing subjective disturbance when viewing relatively pure color regions of a 3-dimentional (anaglyph) image..."

That is to say, minimise retinal rivalry viewed in an anaglyph.

To clarify, as is common knowledge in the field:

Anaglyphs require pure color to separate the two views. The purity is especially evident in the color fringes within an anaglyph image that represent left/right persective disparity.

The pure color refered to in 6,037,971 abstract and column 7 lines 38-39 concerns the pure color of objects, being imaged, resulting in retinal rivalry in the anaglyph.

Read on and see column 7 lines 47-50.

"The net result is to eliminate pure red or pure blue pixels and the...disturbances that come from viewing such...with red/blue viewers."

However, the fig' 5 method of preventing anaglyph color purity, results in double imaging (ghosting)

Any benefit of reduced retinal rivalry, gained from preventing anaglyph color purity, will directly correspond with increased double imaging induced from the method.